

PATENT  
Docket No. 404332000101

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on September 12, 2003.

  
Leah M. Kjellén

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Kent L. GILSON

Serial No.: Not Yet Assigned

Filing Date: Concurrently Herewith

For: HYPERCOMPUTER

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents were previously submitted in an Information Disclosure Statement and/or Office Action, directed to the related application Serial Number 09/539,318, filed March 30, 2000, and, accordingly, copies are not included herewith. This protocol conforms with 37 C.F.R. § 1.98(d) and M.P.E.P. 609(A) (2). The Examiner is requested to make these documents of record in the application.

This Information Disclosure Statement is submitted:

- With the application; accordingly, no fee or separate requirements are required.
- Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - A fee is required. A check in the amount of \* is enclosed.
  - A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due.
- After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of \* is enclosed.
  - A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicant would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to

charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing **404332000101**. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: September 12, 2003

Respectfully submitted,

By:



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Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 404332000101	Application Number Not Yet Assigned
Applicant	Kent L. GILSON
Filing Date Concurrently Herewith	Group Art Unit Not Yet Assigned
Mailing Date September 12, 2003	

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	5/28/1991	5,020,059	Gorin et al.			
	2.	11/1/1994	5,361,373	Gilson			
	3.	11/28/1995	5,471,580	Fujiwara et al.			
	4.	4/30/1996	5,513,371	Cypher et al.			
	5.	2/4/1997	5,600,845	Gilson			
	6.	8/26/1997	5,661,662	Butts et al.			
	7.	11/4/1997	5,684,980	Casselman			
	8.	11/18/1997	5,689,661	Hayashi et al.			
	9.	12/22/1998	5,852,740	Estes			
	10.	9/28/1999	5,960,191	Sample et al.			
	11.	9/21/1999	5,956,518	DeHon et al.			
	12.	7/18/2000	6,092,174	Roussakov			

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	13.	Duncan A. Buell, Jeffrey M. Arnold and Walter J. Kleinfelder - Editors - Center for Computing Sciences, Bowie, Maryland, <u>Splash 2 - FPGAs in a Custom Computing Machine</u> , 1996, Pages 1-45
	14.	J. N. H. Heemskerk et al., "MindShape: a neurocomputer concept based on a fractal architecture", Proceedings of Artificial Neural Networks, Brighton, UK 4-7 Sept. 1992 vol. 2, pp. 1483-1486.
	15.	V. K. Jain, "VLSI Considerations for TESH: A New Hierarchical Interconnection Network for 3-D

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  <i>(Use several sheets if necessary)</i>		Docket Number 404332000101	Application Number Not Yet Assigned
		Applicant	Kent L. GILSON
		Filing Date Concurrently Herewith	Group Art Unit Not Yet Assigned
		Mailing Date September 12, 2003	

		Integration", IEEE vol. 6, no. 3, Sept. 1998, pp. 346-353.
16.		Lauwerier, "Fractals Endlessly Repeated Geometrical Figures", Princeton Univ. Press, N.J. (1991), pgs. XI-IVX, 1-2,
17.		Schroeder, "Fractals, Chaos, Power Laws", W.H. Freeman and Co. N.Y. (1991), pg. XII.
18.		Villasenor et al., "Configurable Computing", (1997), Scientific American, pp. 66-71.

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.	